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Press Release

Gaithersburg, MD, May, 2011: Optical Scientific Inc. (OSi) announces the introduction of the OWI-650 / LP-WIVIS™, the world's most advanced present weather/visibility sensor targeted for low power applications. The low power requirements of the LP-WIVIS™ make it ideal for portable battery and solar powered installations. The LP-WIVIS™ is more than a sensor. It is a system. LP-WIVIS™ analog and serial inputs are available for interface to other sensors. A weather station built around the LP-WIVIS™ does not require a separate data acquisition system. The LP-WIVIS™ serves as the data acquisition device. This results in a complete weather station of small size, low power requirements, and quick set up.



The LP-WIVIS™ is targeted for military, hazmat and other weather sensor and station applications which require quick and easy deployment.

The LP-WIVIS™ uses patented environmentally adaptive algorithms based on artificial intelligence technology derived from over 200 million field hours of real-world data from OSi's sensors. OSi is an industry leader in optical present weather/visibility sensors. OSi's optical sensors provide critical weather data to airport, highway, military, research and meteorological weather information systems at over 2000 sites.